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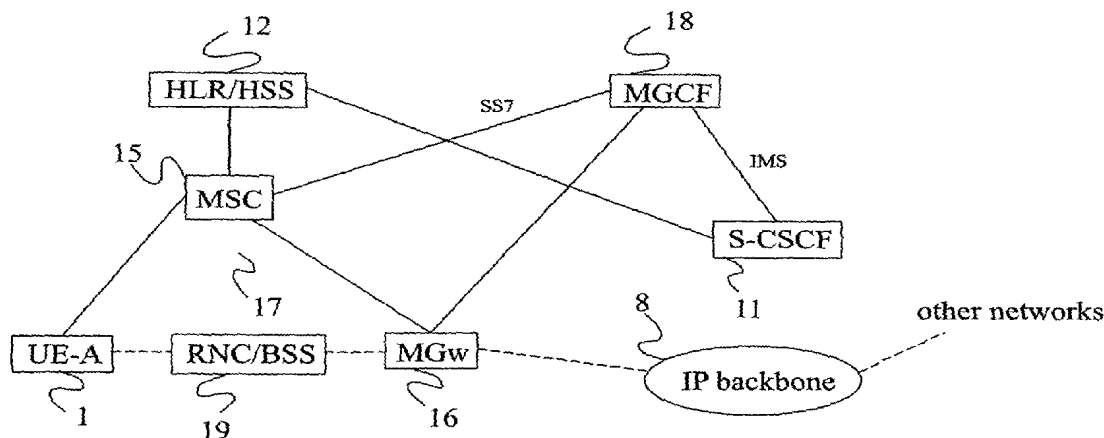
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(54) Title: CONVERSATIONAL BEARER NEGOTIATION



(57) Abstract: A method of setting up a call between first and second nodes of a communication system, said call extending across at least one circuit switched access network and a packet switched backbone network, the networks being interconnected by at least one Media Gateway. The method comprises, at a control node, obtaining from a Home Subscriber Server the identity of a Media Gateway Control Function controlling that Media Gateway which will terminate the call within the circuit switched access network. The first node calls an access number notified to it by the Media Gateway Control Function, and as part of the call set-up procedure the identity of the Media Gateway selected to terminate the call is communicated to the Media Gateway Control Function.

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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/027569 A1 (EJZAK RICHARD PAUL) 6 February 2003 (2003-02-06) paragraph '0020! paragraphs '0031! - '0040! paragraphs '0048! - '0051! paragraphs '0064!, '0065! paragraphs '0085! - '0092! paragraphs '0102! - '0110! figures 1,5,6	1,11-13, 15-18
X	EP 1 317 108 A (ERICSSON TELEFON AB L M) 4 June 2003 (2003-06-04) paragraphs '0002! - '0008! paragraph '0012! paragraphs '0022! - '0031! paragraphs '0042! - '0044! paragraphs '0057! - '0068! paragraphs '0090! - '0095! ----- -/--	1,11-13, 15-18

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/001836 A (WESTMAN ILKKA ; NOKIA CORP (FI)) 3 January 2003 (2003-01-03) page 1, paragraph 11-14 page 2, lines 15-22 page 7, line 9 - page 8, line 29 claim 1 figures 1-4	1, 11-13, 15-18
A	----- US 2003/050051 A1 (VILANDER HARRI TAPANI) 13 March 2003 (2003-03-13) paragraphs '0005!, '0006! paragraphs '0023! - '0030! paragraphs '0064! - '0074! claims 1, 17 figures 1-4 -----	1-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003027569	A1	06-02-2003	NONE	
EP 1317108	A	04-06-2003	EP 1317108 A1	04-06-2003
WO 03001836	A	03-01-2003	WO 03001836 A1	03-01-2003
			US 2004184435 A1	23-09-2004
US 2003050051	A1	13-03-2003	AU 5217101 A	03-10-2001
			WO 0172007 A1	27-09-2001
			EP 1266506 A1	18-12-2002